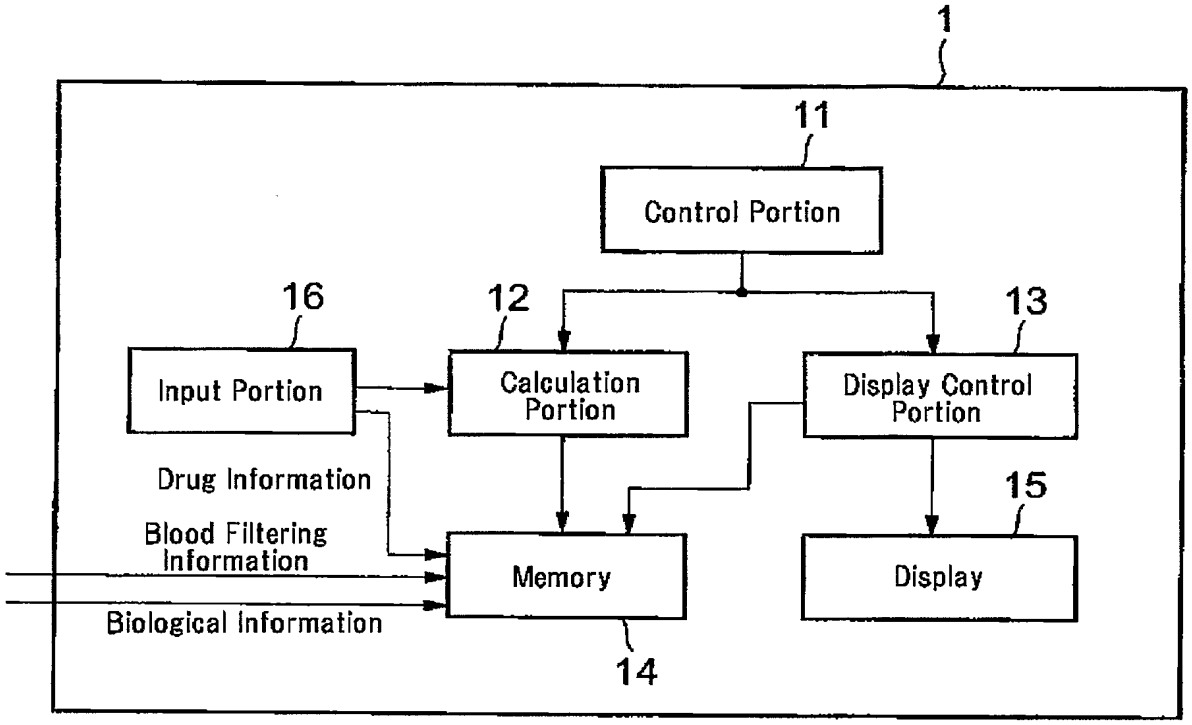
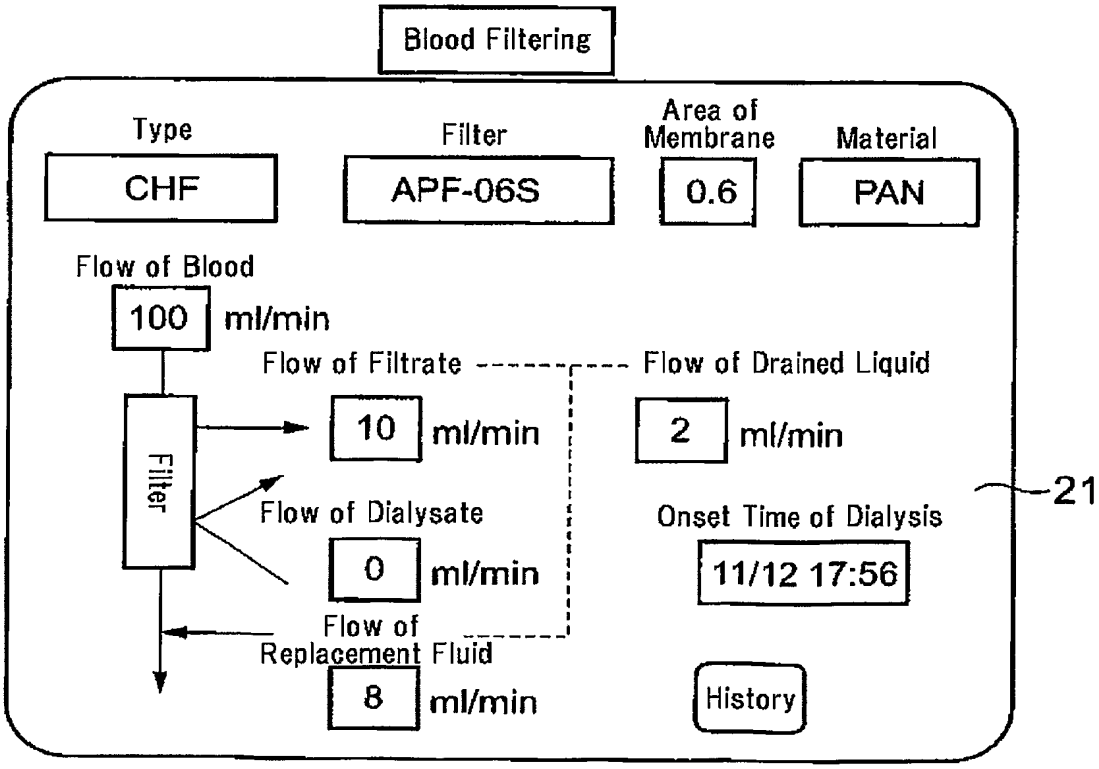
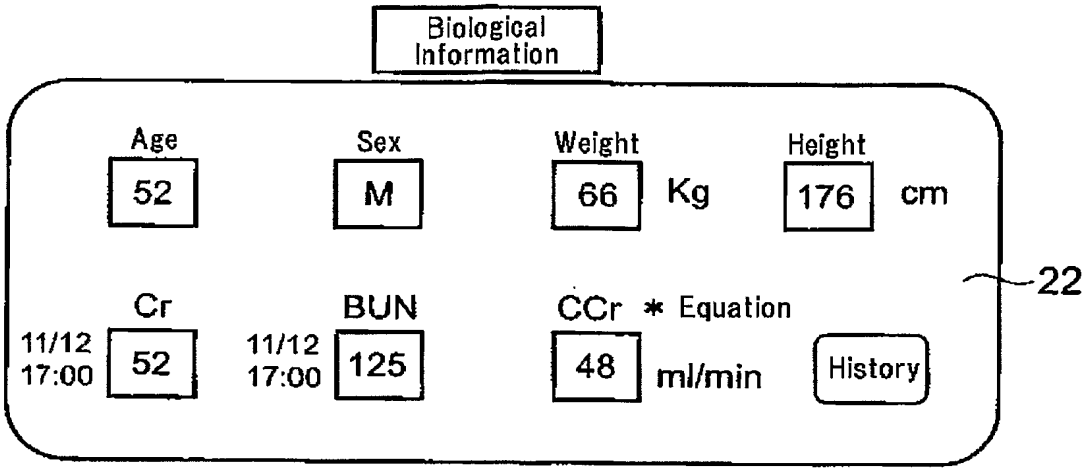
[Fig. 1]


1
11
Control Portion
16
12
13
Input Portion
Calculation Portion
Display Control Portion
Drug Information
Blood Filtering Information
Biological Information
15
Memory
Display
14

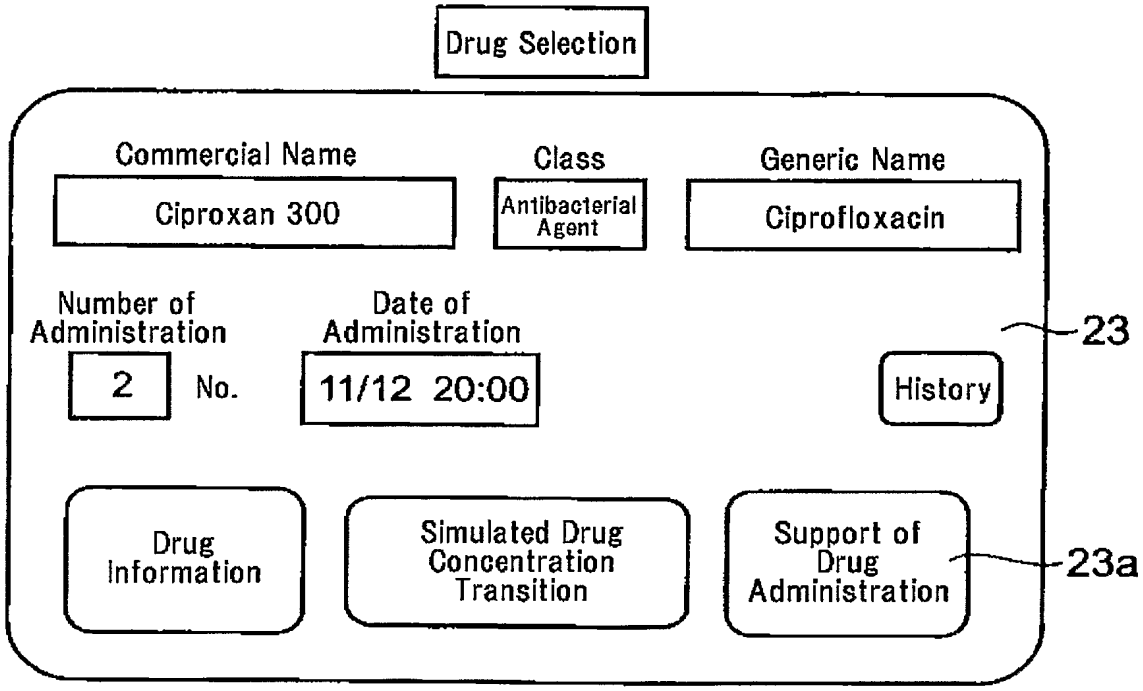
[Fig. 2]


Blood Filtering
Type
CHF
Filter
APF-06S
Area of Membrane
0.6
Material
PAN
Flow of Blood
100
ml/min
Flow of Filtrate
Flow of Drained Liquid
Filter
10
ml/min
2
ml/min
21
Flow of Dialysate
Onset Time of Dialysis
0
ml/min
11/12 17:56
Flow of Replacement Fluid
8
ml/min
History

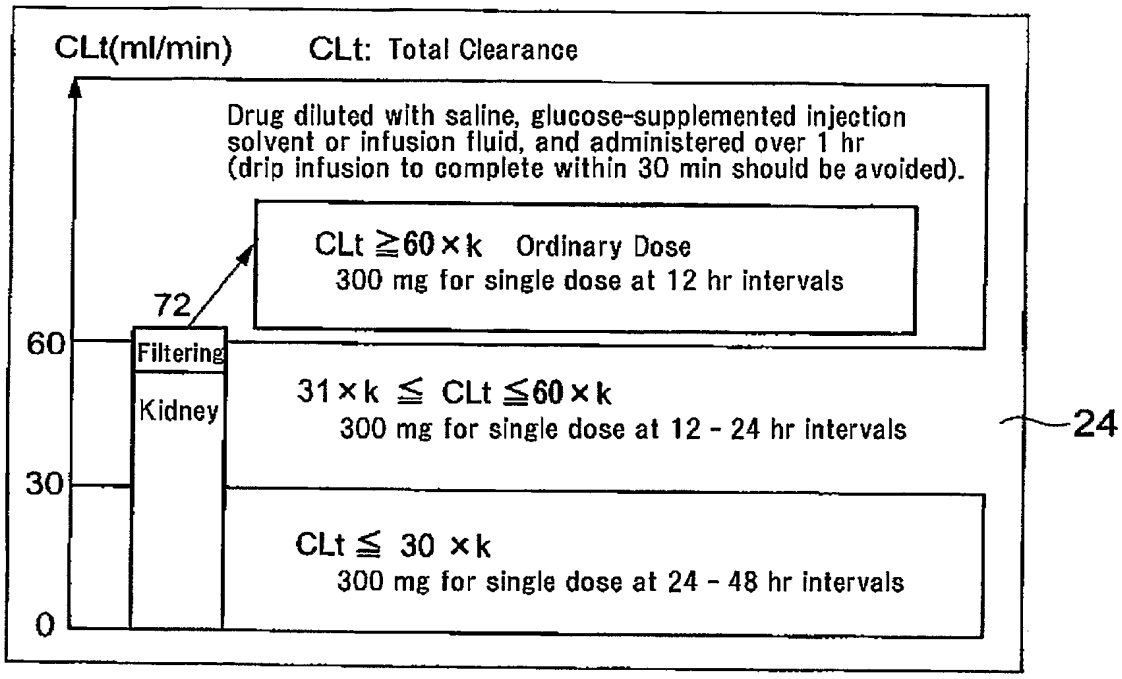
[Fig. 3]


Biological Information
Age
52
Sex
M
Weight
66
Kg
Height
176
cm
Cr
11/12 17:00
52
BUN
11/12 17:00
125
CCr * Equation
48
ml/min
History
22

[Fig. 4]


Drug Selection
Commercial Name
Ciproxan 300
Class
Antibacterial Agent
Generic Name
Ciprofloxacin
Number of Administration
2
No.
Date of Administration
11/12 20:00
History
23
Drug Information
Simulated Drug Concentration Transition
Support of Drug Administration
23a

[Fig. 5]


CLt(ml/min)
CLt: Total Clearance
Drug diluted with saline, glucose-supplemented injection solvent or infusion fluid, and administered over 1 hr (drip infusion to complete within 30 min should be avoided).
CLt ≧60×k Ordinary Dose
300 mg for single dose at 12 hr intervals
72
60
Filtering
Kidney
31×k ≦ CLt ≦60×k
300 mg for single dose at 12 - 24 hr intervals
24
30
CLt ≦ 30 ×k
300 mg for single dose at 24 - 48 hr intervals
0